

DECLARATION

We, (1) Masahiro Yamanaka, (2) Yoko Terasawa, (3) Sota Hamada, (4) Takahiro Nakano, (5) Yoshiyuki Yoshida, (6) Takashi Ishihara, and (7) Toshiaki Tatsumi, declare that we are citizens of Japan, residing at (1) 857-17, Nakasho Izumisano, Osaka 598-0002 Japan (2) 1-11-2-104, Miharadai, Sakai, Osaka 590-0111 Japan, (3) 2-254-8, Nishinocho Mozu, Sakai, Osaka 591-8033 Japan, (4) 6-12-29-D101, Onosato Sennan, Osaka 590-0526 Japan (5) 6-7-3, Koushien Nishinomiya, Hyogo 663-8176 Japan, (6) 286-7, Hirose Habikino, Osaka 583-0845 Japan, and (7) 2-29-2, Hakuodai Kashiba, Nara 639-0262 Japan, that we have read, reviewed and understand the contents of the foregoing specification and claims and we verily believe that we are the original, first and joint inventors of the invention entitled

BICYCLE CRANK ASSEMBLY

described and claimed in the foregoing specification; that we have reviewed and understand the content of the foregoing specification, including the claims; that we acknowledge our duty to disclose information of which we are aware which is material to the examination of this application in accordance with 37 CFR 1.56; and that no application for patent or inventor's certificate on this invention has been filed by us or our representatives or assigns in any country foreign to the United States, except as follows:

Prior Foreign Application(s)Priority Claimed

\*  
(Number)

\*  
(Country)

\*  
(Date Filed)

\*  
Yes No

We hereby claim the benefit under 35 U.S.C. § 120 of any U.S. application(s) listed below and, in so far as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, we acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

\*  
(Application Serial No.)

\*  
(Filing Date)

\*  
(Status)

The undersigned declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

(1)	Inventor: <u>Masahiro Yamanaka</u> Masahiro Yamanaka	(2)	Inventor: <u>Yoko Terasawa</u> Yoko Terasawa
	Post Office Address: 857-17, Nakasho Izumisano, Osaka 598-0002 Japan		Post Office Address: 1-11-2-104, Miharadai, Sakai, Osaka 590-0111 Japan
	Date: <u>Feb. 09, 2004</u>		Date: <u>Feb. 09, 2004</u>
(3)	Inventor: <u>Sota Hamada</u> Sota Hamada	(4)	Inventor: <u>Nakano Takahiro</u> Takahiro Nakano
	Post Office Address: 2-254-8, Nishinocho Mozu, Osaka 591-8033 Japan		Post Office Address: 6-12-29-D101, Onosato Sennan, Osaka 590-0526 Japan
	Date: <u>Feb. 09, 2004</u>		Date: <u>Feb. 09, 2004</u>

(5) Inventor: Yoshiyuki Yoshida  
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Date: 06 - FEB - '04

(7) Inventor: Toshiaki Tatsumi  
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Nara 639-0262 Japan  
Date: Feb. 04, 2004

(6) Inventor: Takashi Ishihara  
Takashi Ishihara  
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Address: 286-7, Hirose Habikino,  
Osaka 583-0845 Japan  
Date: Feb 09 2004

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PATENT

SN-US035207

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Masahiro YAMANAKA et al.

Serial No.: New

Filed: Herewith

For: BICYCLE CRANK ASSEMBLY

POWER OF ATTORNEY

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Shimano Inc. is the Assignee of the entire right, title and interest in the above-identified application (see Certificate Under 37 C.F.R. § 3.73(b) submitted herewith), and hereby appoints as patent attorneys and/or patent agents:

David L. Tamoff	Reg. No. 32,383	Yoshio Miyagawa	Reg. No. 43,393
Patrick A. Hilsmier	Reg. No. 46,034	Todd Guise	Reg. No. 46,748
Steven J. Roberts	Reg. No. 39,346	Thomas A. Morrison	Reg. No. 46,104
Kiyoe K. Kabashima	Reg. No. 54,874		

of the firm of SHINJYU GLOBAL IP COUNSELORS, LLP as my attorneys or agents with full power of substitution and revocation, to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith.

Correspondence and telephone calls are to be directed to:

SHINJYU GLOBAL IP COUNSELORS, LLP  
1233 Twentieth Street, NW, Suite 700  
Washington, DC 20036  
(202) 293-0444

Respectfully submitted,

By: Kozo Kitagawa  
Name: Kozo Kitagawa  
Title: Director  
Patent and Trademark Department

Dated: Feb. 9, 2004  
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PATENT

SN-US035207

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Masahiro YAMANAKA et al.

Serial No.: New

Filed: Herewith

For: BICYCLE CRANK ASSEMBLY

COPY

Certificate Under 37 C.F.R. § 3.73(b)

Assistant Commissioner of Patents  
Washington, DC 20231

Sir:

Shimano Inc., a Japanese corporation, hereby certifies that it is the assignee of the entire right, title and interest of the above-identified application by virtue of the chain of title from the inventor of the above-identified application to the current assignee as shown by the attached assignments which are being currently recorded herewith in the U.S. Patent and Trademark Office.

Chain of Title shown by the attached documents:

From: (1) Masahiro Yamanaka, (2) Yoko Terasawa, (3) Sota Hamada,  
(4) Takahiro Nakano, (5) Yoshiyuki Yoshida,  
(6) Takashi Ishihara, and (7) Toshiaki Tatsumi.  
To: Shimano Inc.

The undersigned has reviewed the attached documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above. The undersigned is empowered to act on behalf of assignee.

The undersigned declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

By:

Name: Kozo Kikagawa

Title: Director

Patent and Trademark Department

Dated:

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Feb. 9. 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, we, (1) Masahiro Yamanaka, (2) Yoko Terasawa, (3) Sota Hamada, (4) Takahiro Nakano, (5) Yoshiyuki Yoshida, (6) Takashi Ishihara, and (7) Toshiaki Tatsumi, citizens of Japan, residing at 1) 857-17, Nakasho Izumisano, Osaka 598-0002 Japan (2) 1-11-2-104, Miharadai, Sakai, Osaka 590-0111 Japan, (3) 2-254-8, Nishinocho Mozu, Sakai, Osaka 591-8033 Japan, (4) 6-12-29-D101, Onosato Sennan, Osaka 590-0526 Japan (5) 6-7-3, Koushien Nishinomiya, Hyogo 663-8176 Japan, (6) 286-7, Hirose Habikino, Osaka 583-0845 Japan, and (7) 2-29-2, Hakuodai Kashiba, Nara 639-0262 Japan, (hereinafter ASSIGNOR), have made a certain invention entitled BICYCLE CRANK ASSEMBLY for which we are making application for Letters Patent of the United States, which application has been executed concurrently herewith; and

WHEREAS, Shimano Inc., a corporation duly organized under the laws of Japan, located and doing business at 3-77 Oimatsu-cho, Sakai, Osaka 590-8577, Japan (hereinafter ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention and the aforementioned application and any and all Letters Patent to be obtained on said invention and/or application;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for good and valuable consideration paid to me by said ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS, by these presents do hereby sell, assign, set over and transfer unto said ASSIGNEE, its successors, legal representatives or assigns, the entire right, title and interest in and to the aforesaid invention in and for the United States and all countries foreign thereto; and in, to and under the aforesaid United States application and any corresponding foreign applications and any divisional, continuing, substitute or reissue applications or supplementary disclosures which may be filed on said invention in any country; and my right to file said foreign applications and claim priority under the provisions of the International Convention; and any Letters Patent of the United States or any foreign country issued or granted on said invention and/or said applications;

AND WE HEREBY authorize and request the Patent Office or other issuing authority to issue any and all patents on said invention and/or said application to said ASSIGNEE as sole assignee; and WE further hereby authorize said ASSIGNEE to file and prosecute any of said foreign applications in its own name;

AND WE HEREBY covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any assignment or other instrument in conflict herewith;

AND WE HEREBY further covenant and agree to communicate to said ASSIGNEE, or its legal representatives, successors or assigns, any facts relating to said invention, including evidence for interference purposes or other proceedings, whenever requested, and to testify in any interference or in any other legal proceeding, when requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective; and to perform the aforesaid communicating, executing and delivering, without any payment except expenses and to perform the aforesaid testifying for reasonable compensation; and generally to do everything possible to aid the said ASSIGNEE, its successors, legal representatives or assigns to obtain and enforce proper patent protection on and for said invention in all countries, and likewise we make these provisions binding upon my heirs, legal representatives and/or administrators.

Each of the undersigned hereby grants the firm of Shinjyu Global IP Counselors, LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Masahiro Yamanaka Date: Feb. 09, 2004 Yoko Terasawa Date: Feb. 09, 2004  
Name: Masahiro Yamanaka Name: Yoko Terasawa  
Sota Hamada Date: Feb. 09, 2004 Nakano Takahiro Date: Feb. 04, 2004  
Name: Sota Hamada Name: Takahiro Nakano

Yoshiyuki Yoshida  
Name: Yoshiyuki Yoshida

Date: 06-FEB-04

Takashi Ishihara  
Name: Takashi Ishihara

Date: Feb. 09 2004.

Toshiaki Tatsumi  
Name: Toshiaki Tatsumi

Date: Feb. 04, 2004

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